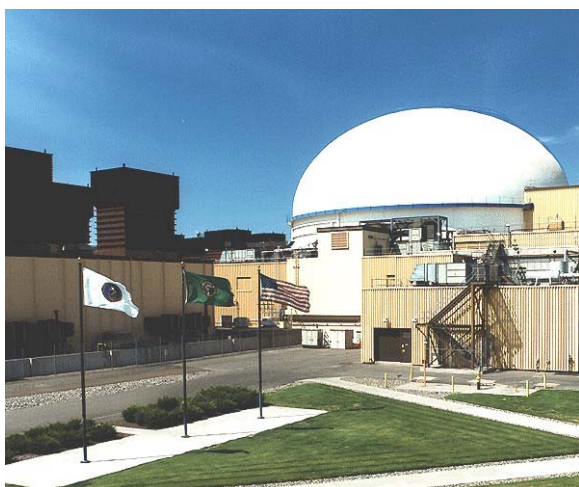


Fast Flux Test Facility Closure Project And Advanced Reactor Transition Program

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FFTF



Solid Waste Cask

*NE Legacies:
337 High Bay*



Plutonium Recycle Test Reactor:
309 Building

Overview

The mission of the Fast Flux Test Facility (FFTF) Closure Project, PBS RL-CP04, is to deactivate and decommission the FFTF.

The Advanced Reactor Transition (ART) Program, PBS RL-RC03, consists of the Nuclear Energy (NE) Legacies and the 309 Building/Plutonium Recycle Test Reactor (PRTR) activities. A change request has been provided to RL to retain the 309 Building/PRTR scope in the FH contract until July 23, 2003, at which time it will transfer to a pending contract for the River Corridor work scope.

NOTE: Unless otherwise noted, all information contained herein is as of the end of April 2003.

NOTABLE ACCOMPLISHMENTS

FFTF Closure Project/CP04

Fuel Offload: Fuel washing began at the upgraded Sodium Removal System (SRS) in the Interim Examination and Maintenance (IEM) Cell. This marked the start of the fuel offload process as part of FFTF deactivation activities.

The first Core Component Container was delivered to the IEM Cell to support the fuel offload campaign. This was accomplished during the acceptance testing for the re-designed Solid Waste Cask grapple system.

Secondary Sodium Drain: Secondary loop sodium drain was successfully performed between April 7 and April 16. Approximately 49,000 gallons of sodium was transferred to the Sodium Storage Facility (SSF), filling the smallest of the four SSF tanks. Primary sodium is now being maintained within the desired temperature range by a combination of trace heat and reactor vessel immersion heaters.

A review of the vendor design package for the reactor vessel drain pump was performed and a list of comments and questions has been sent to the vendor for resolution.

Solid Waste Cask (SWC): The Functional Test Program (FTP) was completed. Current activities are associated with release of operating procedures following verification in the test program, and training of operators on the changes to the SWC.

ART Program/RC03

NE Legacies Deactivation: Evaluation of bids from potential vendors for cleaning the 3718-M and Composite Reactor Component Test Activity (CRCTA) tanks was completed and a Technical Evaluation Team Award Recommendation Report was sent to Procurement Management.

FY03 SCHEDULE/COST PERFORMANCE (\$000)

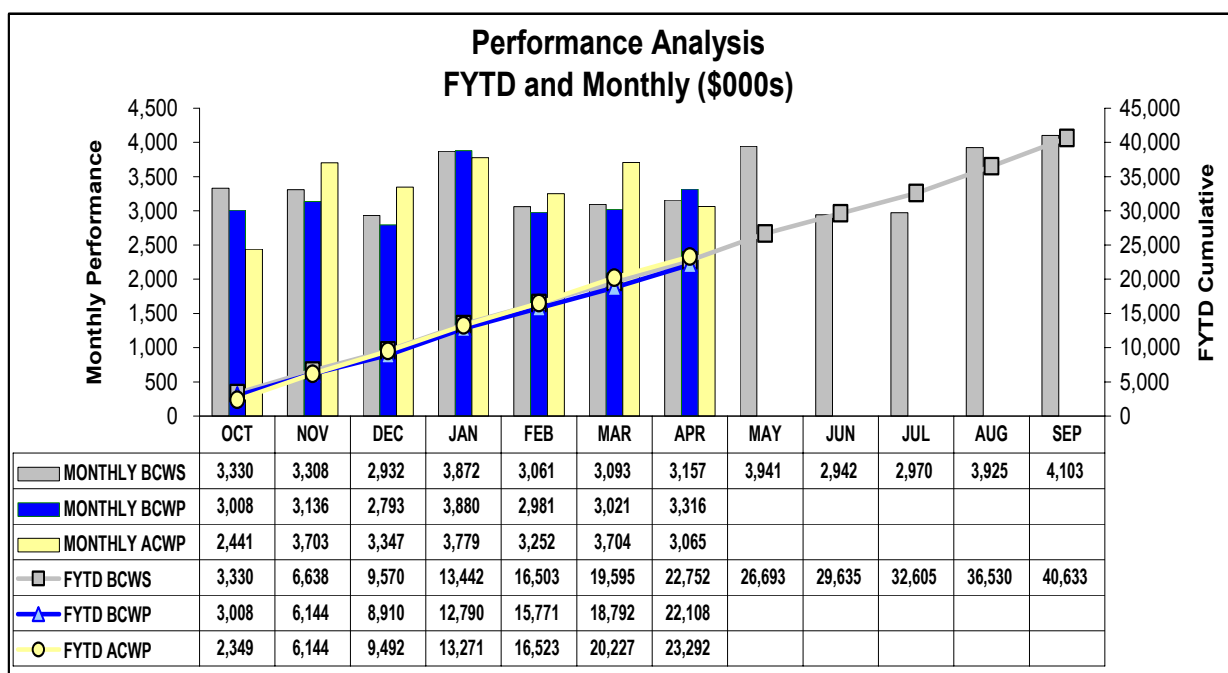
Schedule Performance: (-\$.6M)

The FFTF schedule variance (-\$747K) is within the established threshold (+/- 10% or \$1M). The ART favorable schedule variance is primarily due to the early start of NE Legacies work on the options for cleaning the 3718-M building and CRCTA sodium tanks.

Cost Variance Analysis: (-\$1.2M)

The FFTF unfavorable cost variance significant contributors include sodium drain activities, fuel offload, and systems shutdown. These activities were impacted by the RL litigation hold on deactivation activities, which was resolved on April 4, 2003. Another significant contributor to the variance (\$762K) was the fee allocation to the project, which is in the process of being corrected. Actions taken by the project to reduce cost include reductions of staff, increased staff loans, and reductions of purchased services and electrical demand. Improved progress is expected in fuel offload and systems shutdown activities in the balance of the year.

		Budgeted Cost of Work Scheduled	Budgeted Cost of Work Performed	Actual Cost of Work Performed	Schedule Variance \$	Schedule Variance %	Cost Variance \$	Cost Variance %	Budget At Completion
RL-CP04	FFTF Project	22,104	21,357	22,536	-747	-3%	-1,178	-6%	38,428
RL-RC03	Advanced Reactor Transition	648	751	756	103	14%	-5	-1%	2,205
Total ART and FFTF		22,752	22,109	23,292	-644	-3%	-1,184	-5%	40,633



MILESTONE ACHIEVEMENT

Number	Milestone Title	(TPA/ DNFSB/PI)	Due Date	Actual Date	Forecast Date	Status/ Comments
PI-S3-4a	Secondary system sodium drain	PI	5-31-03	4-14-03		Complete
PI-S3-4b	Fuel Offload 81 assemblies	PI	1-22-04		1-22-04	In progress

FY 2003 FH FUNDS VS FORECAST (\$000)

		Expected Funds		Spend Forecast		Variance	
RL-CP04	Fast Flux Test Facility	\$	38,449	\$	38,172	\$	277
RL-RC03	Advanced Reactor Transition	\$	2,234	\$	1,745	\$	489
Total		\$	40,683	\$	39,917	\$	766